

Manhole Inspection Summary

Manhole # S04QQ_003MH

Printed On: 6/24/2010

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **04QQ** Node: **003** Status: **Found**

Insp Date: 1/31/08 9:23 AM

Incomplete Comments

Crew: **TJ ET**
Inspector: **Johnson**
Firm: **URS**

Location Address: **5010 FOREST PARK AVE**

Cross Street: **PURNELL DR**

Manhole Type: **Junction** Location: **Easement / Right of Way**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **HEAVY ROOT INTRUSION THROUGHOUT MANHOLE**

Cover

Shape: **Circular**

Diameter: **26** (in.) Length: (in.) Dist A/B Grade: **30** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☐ Exists Material:

☐ Parged Height: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Flat top**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Brick and Concrete** ☐ Parged

Shape: **Rectangular** Diameter: **48** (in.) Length: **60** (in.)

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☒ **Roots** ☒ **Wall**

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Partially Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Deteriorated ☐ Leaks ☒ **Debris**

Steps

Count: **4** Missing: **0** ☒ **Corroded**

Surcharge

☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

Location View



Top View



Defect 2



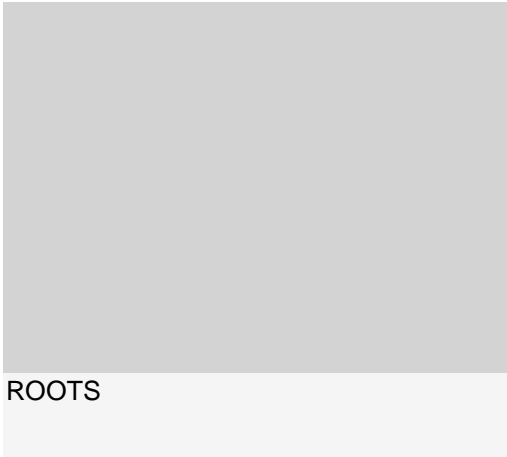
ROOTS ON BARREL WALL/CHANNEL

Defect 1



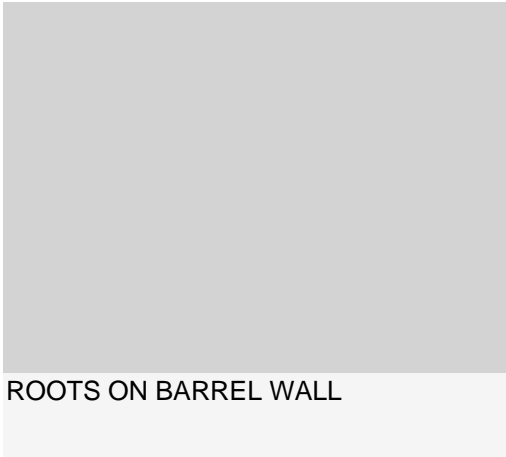
ROOTS ON PIPE SEAL

Defect 4



ROOTS

Defect 3



ROOTS ON BARREL WALL

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33.0 in. (w) x 33 in. (h) U-shape with flat top Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



ROOTS ON PIPE SEAL

Pipe Height: **33.6** (in.) Rod and Bar (Angled)

Pipe Material: **Concrete** ☐ Pipe Lined

Invert Depth: **9.02** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

30 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



ROOTS ON PIPE
SEAL/CHANNEL/STANDING WATER

Pipe Height: **30** (in.) Rod and Bar (Angled)

Pipe Material: **Concrete** ☐ Pipe Lined

Invert Depth: **8.90** (ft.) Flow Characteristics: **None**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **6** (in.) Deposits Extent: **Heavy**

Infiltration: **Evidence** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Manhole**

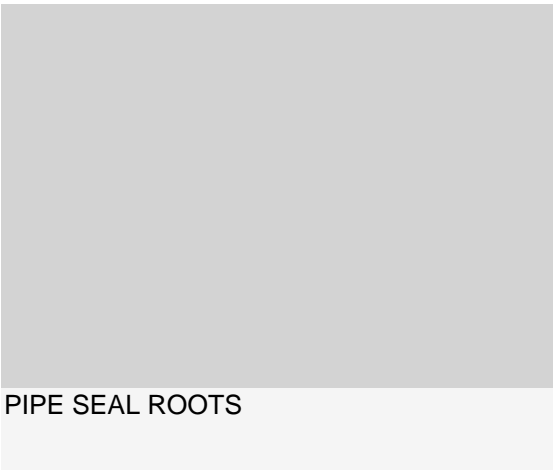
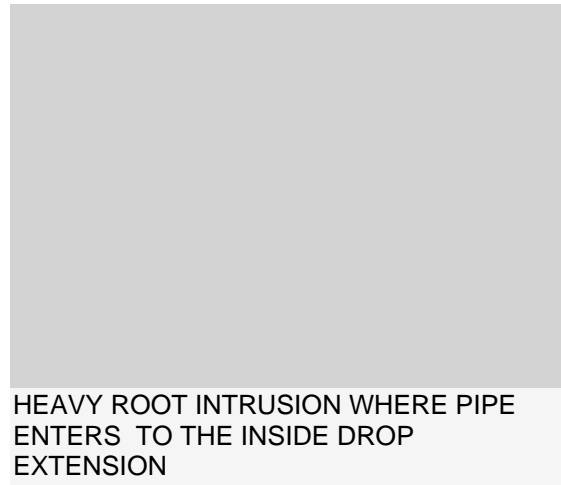
☐ Possible Illicit Connection

18 in. Circular Gravity Sewer

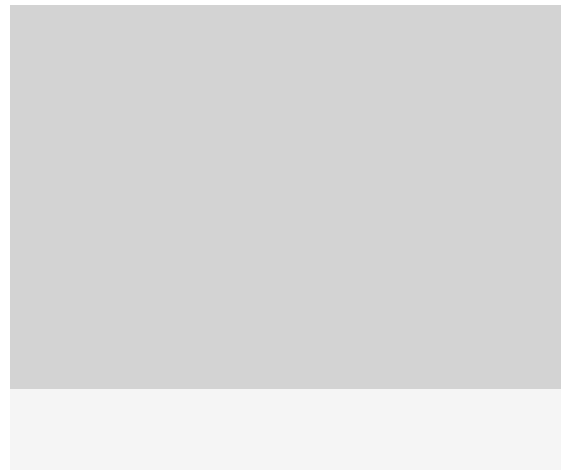
Pipe In @ 8 O'Clock

8 O'Clock Inflow

Pipe In @ 8 O'Clock



Drop In @ 8 O'Clock



Pipe Height: 18 (in.) Rod and Bar (Angled)
Pipe Material: Concrete ☐ Pipe Lined
Invert Depth: 5.25 (ft.) Flow Characteristics: Fast
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: None Pipe Seal Cond: Roots

Drop: Inside	Rod and Bar
Angled: Yes	Reading: 6.90 (ft.)
	Inv Depth: 7.90 (ft.)
Drop Condition: Open	

Connects To: Manhole

☐ Possible Illicit Connection